This is a Replacement Sheet
Application No.: NEW
Docket No.: 606-137-PCT-PA
Customer No.: 22145

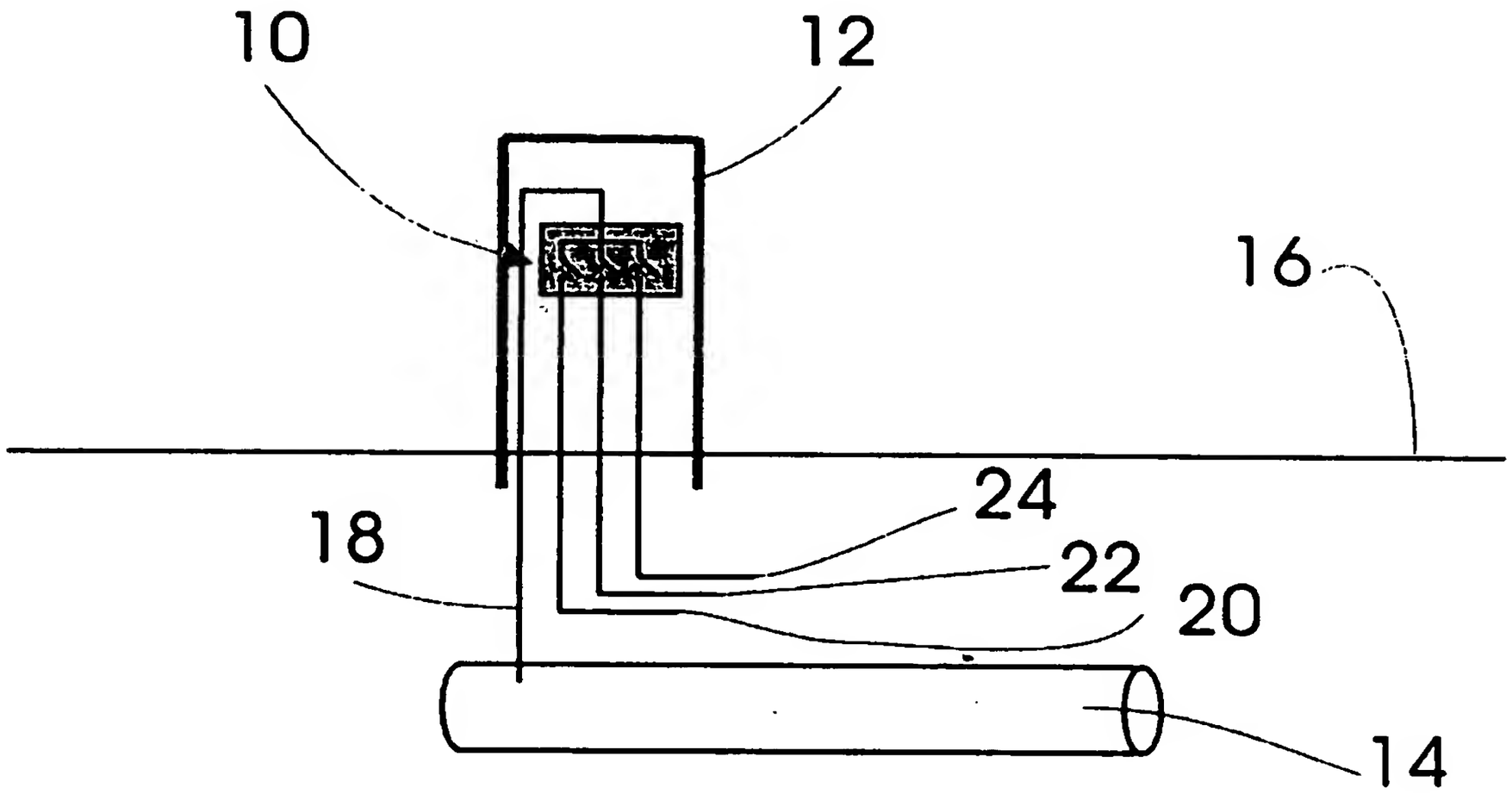

Fig. 1

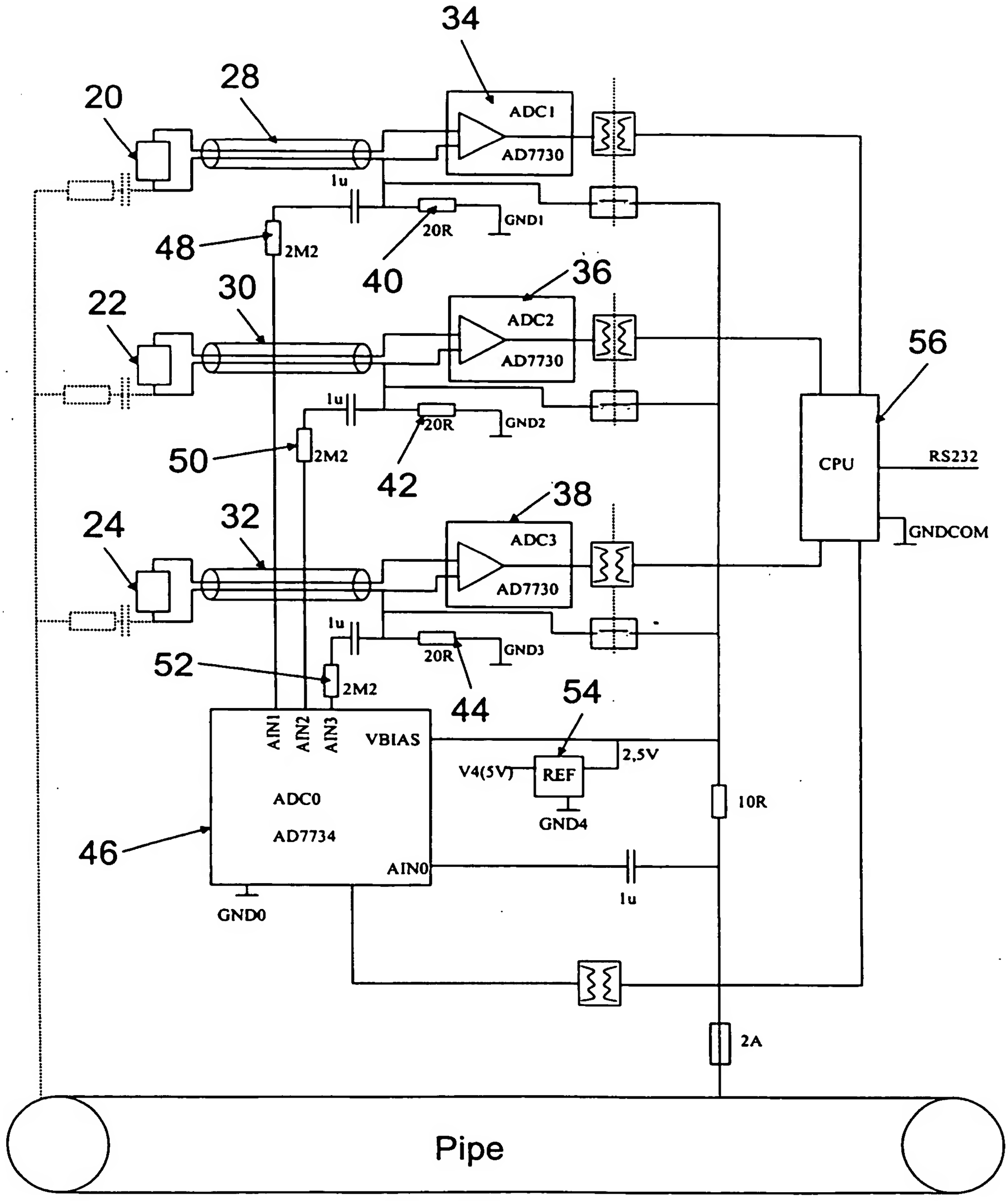
34
28
20
ADC1
AD7730
1u
GND1
20R
48
2M2
40
36
30
22
ADC2
AD7730
1u
20R
GND2
50
2M2
42
56
CPU
RS232
GNDCOM
38
24
32
ADC3
AD7730
1u
20R
GND3
52
2M2
44
54
AIN1
AIN2
AIN3
VBIAS
2,5V
V4(5V)
REF
GND4
ADC0
AD7734
10R
46
AIN0
1u
GND0
2A
Pipe

Fig. 2A

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Docket No.: 606-137-PCT-PA
Customer No.: 22145

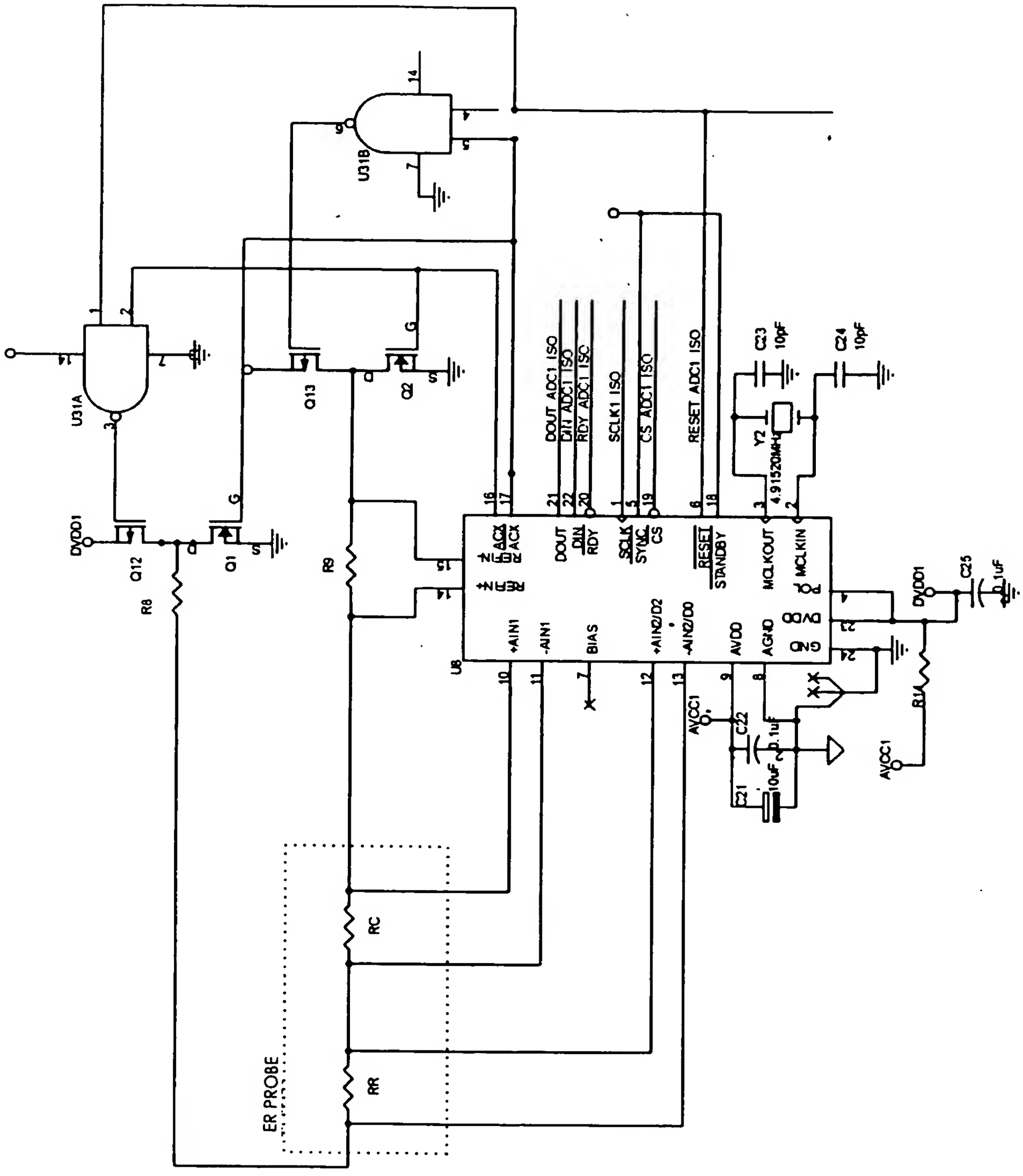

Fig. 2B

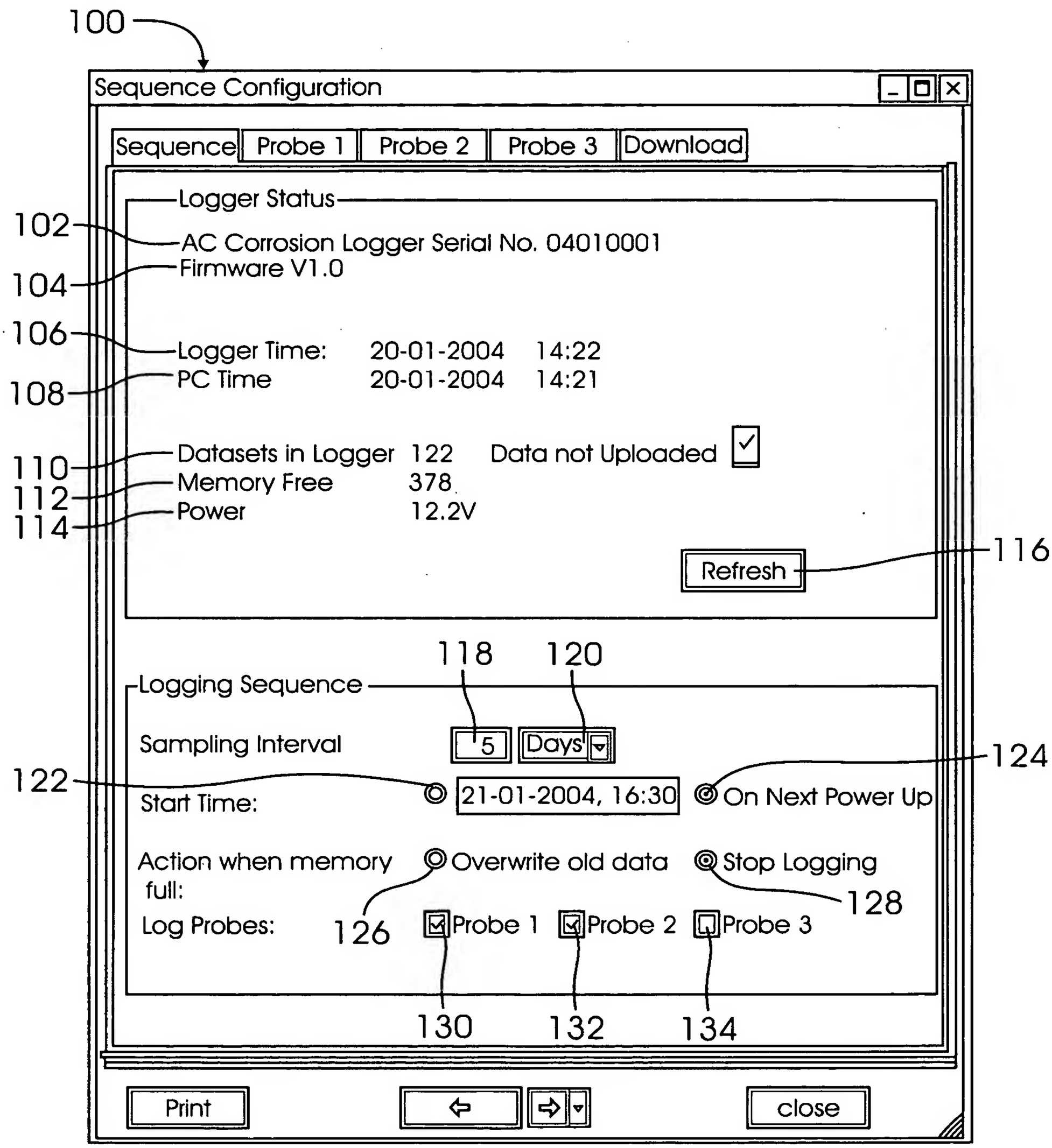
100
Sequence Configuration
Sequence
Probe 1
Probe 2
Probe 3
Download
Logger Status
102
AC Corrosion Logger Serial No. 04010001
104
Firmware V1.0
106
Logger Time: 20-01-2004 14:22
108
PC Time 20-01-2004 14:21
110
Datasets in Logger 122
Data not Uploaded
112
Memory Free 378
114
Power 12.2V
116
Refresh
118
120
Logging Sequence
Sampling Interval
5
Days
122
Start Time:
21-01-2004, 16:30
On Next Power Up
124
Action when memory full:
Overwrite old data
Stop Logging
126
128
Log Probes:
Probe 1
Probe 2
Probe 3
130
132
134
Print
close

FIG. 3

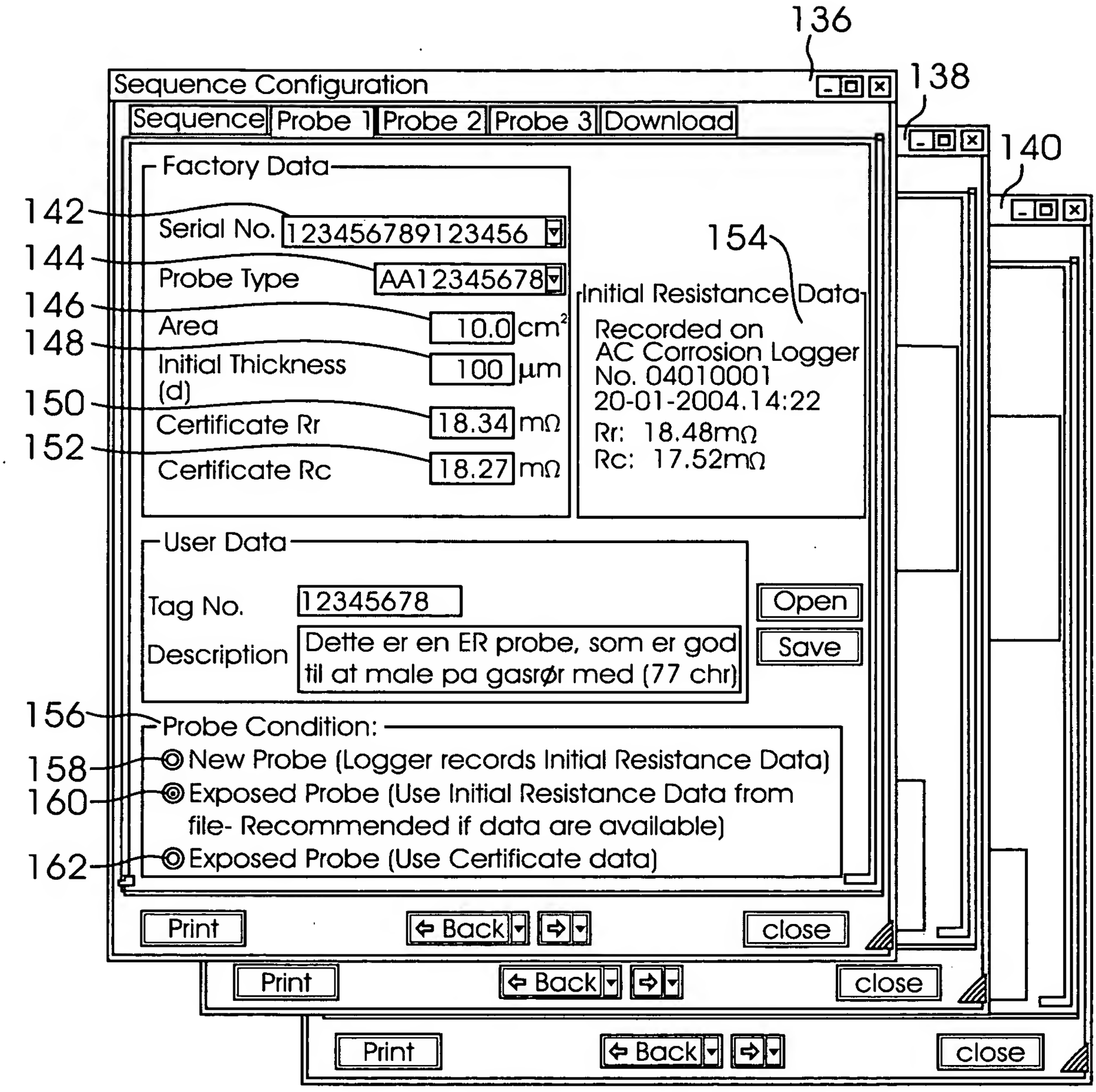
136
Sequence Configuration
138
140
Sequence
Probe 1
Probe 2
Probe 3
Download
Factory Data
142
Serial No.
123456789123456
144
Probe Type
AA12345678
146
Area
10.0
cm²
148
Initial Thickness (d)
100
µm
150
Certificate Rr
18.34
mΩ
152
Certificate Rc
18.27
mΩ
154
Initial Resistance Data
Recorded on
AC Corrosion Logger
No. 04010001
20-01-2004.14:22
Rr: 18.48mΩ
Rc: 17.52mΩ
User Data
Tag No.
12345678
Description
Dette er en ER probe, som er god til at male pa gasrør med (77 chr)
Open
Save
156
Probe Condition:
158
New Probe (Logger records Initial Resistance Data)
160
Exposed Probe (Use Initial Resistance Data from file- Recommended if data are available)
162
Exposed Probe (Use Certificate data)
Print
Back
close

FIG. 4

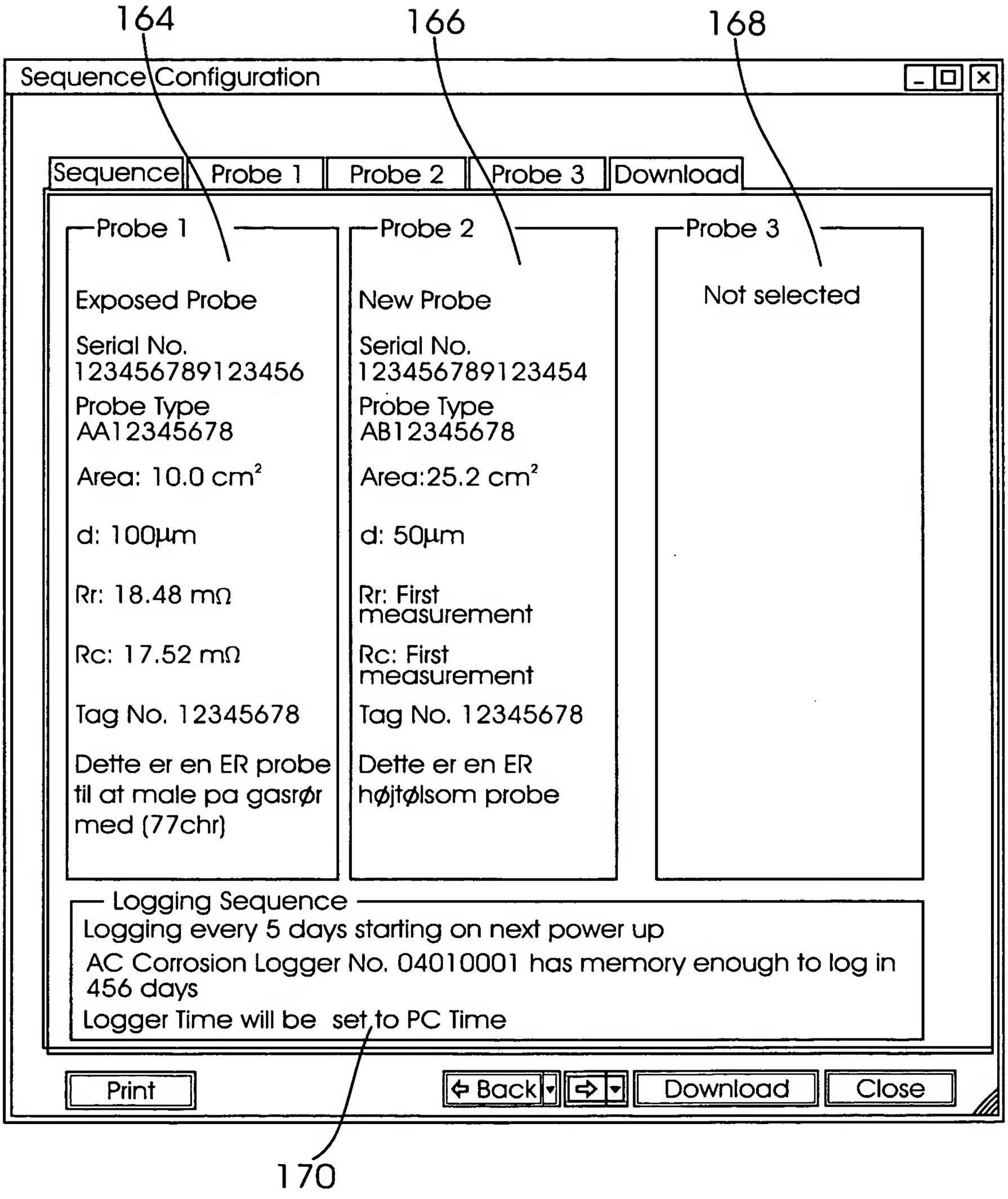
164
166
168
Sequence Configuration
Sequence
Probe 1
Probe 2
Probe 3
Download
Probe 1
Exposed Probe
Serial No. 123456789123456
Probe Type AA12345678
Area: 10.0 cm²
d: 100µm
Rr: 18.48 mΩ
Rc: 17.52 mΩ
Tag No. 12345678
Dette er en ER probe til at male pa gasrør med (77chr)
Probe 2
New Probe
Serial No. 123456789123454
Probe Type AB12345678
Area:25.2 cm²
d: 50µm
Rr: First measurement
Rc: First measurement
Tag No. 12345678
Dette er en ER højtølsom probe
Probe 3
Not selected
Logging Sequence
Logging every 5 days starting on next power up
AC Corrosion Logger No. 04010001 has memory enough to log in 456 days
Logger Time will be set to PC Time
Print
Back
Download
Close
170

FIG. 5

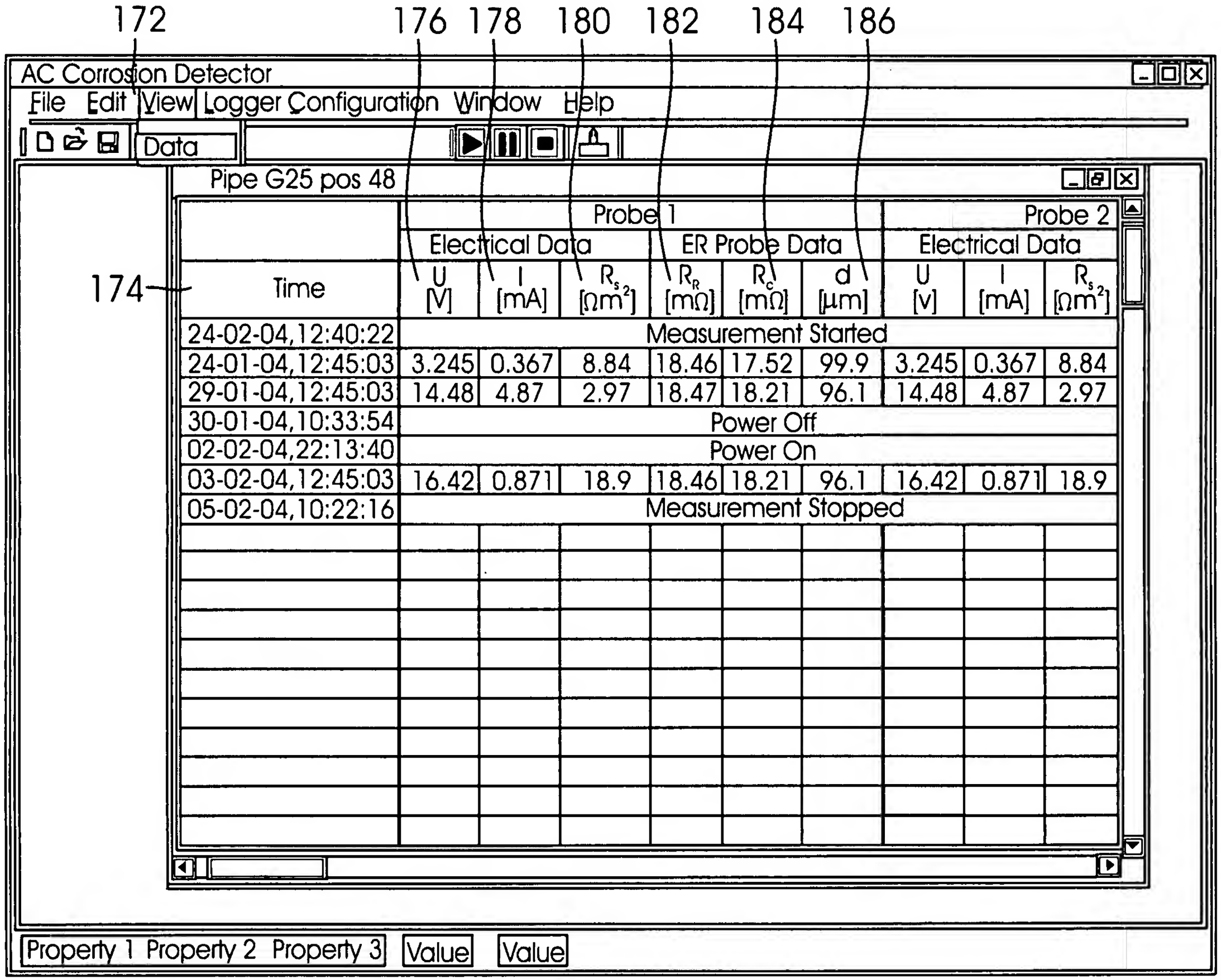

FIG. 6

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